

Date: Wed, 22 Jun 94 08:33:04 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #692
To: Info-Hams

Info-Hams Digest Wed, 22 Jun 94 Volume 94 : Issue 692

Today's Topics:

 "73's"
 AEA IsoLoop - Opinion (2 msgs)
 ARLB052 W1AW FD sked
 FCC licensing delay reason
 Ford Explorer and TS-50 Noise
 Info-Hams Digest V94 #690
 IPS Daily Report - 21 June 94
 June22nd-GANGBUSTER 2Mtr E-Skip Opening (2 msgs)
 Lead Acid Storage Batteries
 Railroad track as an antenna?
 Sign me up!
 Simplex spaving on 2mtr
 Transmission Line Impedance: Why so many?
 Tunnel Radio Help Request
 You know its time to retire from the hobby when... (2 msgs)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 21 Jun 1994 23:17:00 GMT
From: ihnp4.ucsd.edu!agate!iat.holonet.net!michaelr!ray.wade@network.ucsd.edu
Subject: "73's"
To: info-hams@ucsd.edu

On 06-17-94 CECIL A. MOORE -FT-- wrote to ALL...

CA> Dave Bushong (dbushong@wang.com) wrote:

CA>
CA> : Since the term "73's" came from CB, as did
CA> : so many N#xxx callsign owners, I would expect that eventually they
CA> : would get tired of being made fun of by us grownups for saying
CA> stupid
CA> : things on the air. Dave, KZ10
CA>
CA> Dave, my 1957 ARRL Handbook lists the meaning of 73 as "Best
CA> Regards"....
CA> and also lists 26.93-27.23 MHz as a ham band. :-)
CA>
CA> 73, KG7BK, 00TC, CecilMoore@delphi.com

Now go back to your book and look at how 73 is supposed to be used...on
CW!

K5JCM

* OFFLINE 1.56 * Bad command or filename. Go stand in the corner.
...

Date: Tue, 21 Jun 1994 23:12:00 GMT
From: ihnp4.ucsd.edu!agate!iat.holonet.net!michaelr!ray.wade@network.ucsd.edu
Subject: AEA IsoLoop - Opinion
To: info-hams@ucsd.edu

On 06-19-94 DGOODMAN wrote to ALL...

D > In article <1994Jun17.135403.4145@seastar.seastar.org>,
D > jjw@seastar.seastar.org (John Welch) writes:
D >
D > >It worked better than a wet noodle, but not by much.
D >
D > I don't share your experience with the IsoLoop. I've had mine up for
D > 2 years (8' above the top of the chimney of the house), and with it
D > have 230 countries confirmed, won awards in both ARRL DX and CQ WW DX
D > contests, and have all zones but 34 confirmed. It is also _much_
D > quieter than the sloper I have that is fed at the base of the
D > IsoLoop.
D >
D > Danny Goodman AE9F/6

Dummy loads are RREEAAALLLYYY quiet!

K5JCM

* OFFLINE 1.56 * Keep hands off the secretary's reproducing equipment.

.....

Date: 22 Jun 1994 10:58:09 -0400
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net
Subject: AEA IsoLoop - Opinion
To: info-hams@ucsd.edu

In article <940622043027703@michaelr.com>, ray.wade@michaelr.com (Ray Wade) writes:

>Dummy loads are RREEAAALLLYYY quiet!

But they won't let you work 230 countries with 100 watts.

Danny Goodman AE9F/6

Date: Tue, 21 Jun 1994 13:00:07 EDT
From: psinntp!arrl.org!usenet@uunet.uu.net
Subject: ARLB052 W1AW FD sked
To: info-hams@ucsd.edu

SB QST @ ARL \$ARLB052
ARLB052 W1AW FD sked

ZCZC AG17
QST de W1AW
ARRL Bulletin 52 ARLB052

Date: Wed, 22 Jun 1994 11:17:19 GMT
From: news.Hawaii.Edu!montebello!joe@ames.arpa
Subject: FCC licensing delay reason
To: info-hams@ucsd.edu

In article <2tsnkh\$lv6@search01.news.aol.com> compedge1@aol.com (CompEdge1) writes:

>Does this mean that people entering as Novice Class operators will
>not experience the delay that no-code Techs have been experiencing?

I took my test March 6, passed the Tech and the 5WPM code, and got my "Tech_Plus_" license in the mail June 16. (I'm WH6UR.) That seems to have been a rather typical delay. I don't think you can jump the paperwork

queue that easily!

I'm getting a Standard C558A handie-talkie in the mail tomorrow (I hope!). Anybody have advice for a new Standard C558A owner, let me know!

PS: If anyone needs a UNIX morse-code practice program, you can find the one I wrote on sepftp.stanford.edu! (I tried to submit it to a standard ham-site archive once, but they weren't interested in UNIX programs, only DOS.)

```
--
      /\      /\      /\ /\ /\ /\ /\ /\ .-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.
    /  \    /  \    /  \ /Hawaii Institute of Geophysics, Honolulu\ \ \ \ .-.-.-.-.-.
___/    \ \    \ \    \ \ /Joe Dellinger, Internet: joe@montebello.soest.hawaii.edu\ \ \ .-._.
Soon to be relocating to the mid-continental tourist paradise of Tulsa, Oklahoma
```

Date: Wed, 22 Jun 94 07:05:38 PDT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!convex!news.onramp.net!
usenet@network.ucsd.edu
Subject: Ford Explorer and TS-50 Noise
To: info-hams@ucsd.edu

Regarding the TS-50 in the Explorer...It just dawned on me...in my Cougar I have noise and it was from the AM/FM radio in the car. Generates wideband hash. You've probably tried this, but...

-G

Date: 22 Jun 94 14:35:18 GMT
From: news-mail-gateway@ucsd.edu
Subject: Info-Hams Digest V94 #690
To: info-hams@ucsd.edu

Ron Barrett, K6MZW writes:

>Would like to hear from anyone who is using the KAM Plus modem.
>I'm considering buying one and would appreciate a frank appraisal
>on the unit. Would also like to hear some comments on the companion
>software KAM Gold.

I just picked one up on Saturday. Nice new toy from my kids for father's day. Had to order the Kantronics Host Master 2 software to be able to do simultaneous VHF packet & HF modes.

My main interest is in working DX. Since I use DXBASE for logging and enjoy the benefits of PacketCluster operation while I tune the

band, I lose this capability when running the KAM+ in ALLMODE.
So if I want to chase DX on RTTY I can't do both VHF packet and
HF RTTY (nor Amtor, G-TOR, ASCII, FEC, etc.)

The KAM+ has replaced a PacComm Tiny2 on VHF packet, and it appears
the KAM is MUCH more sensitive - less retries and it just simply
hears more & better. On RTTY I don't have anything to compare too,
but with all the summer static it seems to be very sensitive, and
has very sharp audio filters. I don't think it employs DSP technology,
but it sure acts like it does. In RTTY mode, even when the signal drops
into the noise, the KAM keeps on printing.

I understand that there are other, competing, software packages out
there for the KAM+, like KAGOLD, but I have not had a chance to
review them. Afterall, I don't think any of the programs will address
my specific need, which is to be able to stay connected to the local
packet cluster, run HF RTTY from my logging program. (ALERT: to the
software writers!!!) Maybe someone will address this need in a logging
program.

Hope this helps & GL with whatever you decide on...

.....
73 de Walt Kornienko - K2WK Frankford Radio Club
Internet: waltk@pica.army.mil Snail: RR1 Box 919, Lafayette, NJ 07848
DX PacketCluster: K2WK > W2JT Packet: K2WK@NX2P.NJ.USA.NOAM
"Nobody loves me but my mother & she could be jivin' too..." -B.B King

Date: Tue, 21 Jun 1994 23:21:35 GMT
From: ihnp4.ucsd.edu!munari.oz.au!yoyo.aarnet.edu.au!yarrina.connect.com.au!
harbinger.cc.monash.edu.au!news.cs.su.oz.au!metro!ipso!rwc@network.ucsd.edu
Subject: IPS Daily Report - 21 June 94
To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 21/2330Z JUNE 1994 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 21 JUNE AND FORECAST UP TO 24 JUNE

IPS Warning 17 will be issued later today for interval 24 June
to 04 July.

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 074/011

1B. SOLAR FORECAST

	22 June	23 June	24 June
Activity	Very low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number : 072/008

1C. SOLAR COMMENT

None.

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: quiet to unsettled

Estimated Indices : A	K	Observed A Index 20 June
Learmonth	10 3323 2222	
Fredericksburg	12	14
Planetary	10	11

Observed Kp for 20 June: 3322 3333

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
22 Jun	12	Quiet to unsettled.
23 Jun	12	Quiet to unsettled.
24 Jun	20	Quiet to unsettled initially, then active to minor storm levels expected.

2C. MAGNETIC COMMENT

Recurrent disturbance expected from 24 June onwards.

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
21 Jun	normal	normal	normal

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
22 Jun	normal	normal	normal
23 Jun	normal	normal	normal
24 Jun	normal	normal	normal-fair

3C. GLOBAL HF PROPAGATION COMMENT

NONE.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
MUFs at Sydney were near predicted monthly values.

Observed T index for 21 June: 41

Predicted Monthly T Index for June is 30.

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
22 Jun	35	Near predicted monthly values.
23 Jun	30	Near predicted monthly values.
24 Jun	30	Near predicted monthly values.

4C. AUSTRALIAN REGION COMMENT

Strong sporadic E observed at times, obscuring the F layer at 20 UT.

--

IPS Regional Warning Centre, Sydney	IPS Radio and Space Services
email: rwc@ips.oz.au fax: +61 2 4148331	PO Box 5606
RWC Duty Forecaster tel: +61 2 4148329	West Chatswood NSW 2057
Recorded Message tel: +61 2 4148330	AUSTRALIA

Date: 22 Jun 1994 12:22:28 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!jobone!ukma!
newsfeed.gsfc.nasa.gov!bolt.gsfc.nasa.gov!user@network.ucsd.edu
Subject: June22nd-GANGBUSTER 2Mtr E-Skip Opening
To: info-hams@ucsd.edu

Va & MD to Texas, Louisiana, Arkansas, Mississippi: Grids from VA
folloes:EM12,20,21,22,24,30,31,32,33,40,50,51,61. EL09,29
EDST approx. 7-10PM.

Date: 22 Jun 1994 13:13:04 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!nntp.msstate.edu!ukma!newsfeed.gsfc.nasa.gov!
bolt.gsfc.nasa.gov!user@network.ucsd.edu
Subject: June22nd-GANGBUSTER 2Mtr E-Skip Opening
To: info-hams@ucsd.edu

In article <RICHARD_BOLT-220694072228@bolt.gsfc.nasa.gov>,
RICHARD_BOLT@CCMAIL.GSFC.NASA.GOV (Lightning Bolt) wrote:

> Va & MD to Texas, Louisiana, Arkansas, Mississippi: Grids from VA
> folloes:EM12,20,21,22,24,30,31,32,33,40,50,51,61. EL09,29
> EDST approx. 7-10PM.

Above was a Va report. W3ZZ in MD reports also EL39,EM60,44,&23. He said it
was Me to Nc on this side to the west. Dick

Date: Wed, 22 Jun 94 03:14:24 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!news.cac.psu.edu!
news.pop.psu.edu!psuvax1!news.cc.swarthmore.edu!netnews.upenn.edu!
news.amherst.edu!news.umass.edu!nic.umass.edu!usenet@.
Subject: Lead Acid Storage Batteries
To: info-hams@ucsd.edu

In Article <Pine.3.88.9406212222.A8410-01000000@julian.uwo.ca>
"l.h. bol" <lbol@julian.uwo.ca> writes:

>I have aquired some sealed lead acid cells (plastic pack containing 6
>cells rated for 5AH) and am trying to figure out the proper charge
>current for them. I don't want to over-charge them (or under charge)

There was an article in March 1994 QST on a charger for sealed lead-acid
batteries.

Key points:

1. charging voltage should not exceed 2.45 volts/cell, i.e., 14.7 volts for
a 12 volt battery pack.
2. max charge rate must not exceed 15% of the amp-hour capacity

I have seen slightly different specs on the maximum permissible current in
manufacturers' literature from different sources, but the maximum voltage
per cell will always be the same, since this is determined by the basic
chemistry of the system. I have specs from PowerSonic which specify:

Limit initial current to 20% of Ahr capacity. Charge until voltage under
charge reaches 2.45 volts/cell at 68F (20C). Hold at 2.45 volts per cell
until current drops to approximately 1% of Ahr capacity. At this point
the battery is fully charged. It can be maintained in a fully charged
condition by connecting to a constant voltage source of 2.25 to 2.30 volts
per cell.

Albert S. Woodhull
Hampshire College, Amherst, MA, USA

awoodhull@hamp.hampshire.edu

Date: 16 Jun 94 06:26:26 GMT
From: news.columbia.edu!spcuna!cherry.atlanta.com!emory!europa.eng.gtefsd.com!
howland.reston.ans.net!torn!spartan.ac.BrockU.CA!s9898198@RUTGERS.EDU
Subject: Railroad track as an antenna?
To: info-hams@ucsd.edu

I have heard a legend that a college radio station (either at MIT, Tufts, or Swarthmore) welded antenna to railroad tracks, and peeved the FCC by broadcasting nationwide. Is this true? If anyone knows, please email me (or post here) If you do know, could you please direct me to some documentation regarding this legend if you can.

This is very important! Thanks in advance.

--

James R. Storm | This message was brought to you by
s9898198@sandcastle.cosc.brocku.ca | the letter M and the number 6
(905) 227-9571 voice

Date: Wed, 22 Jun 1994 07:27:44 GMT
From: ihnp4.ucsd.edu!sdd.hp.com!apollo.hp.com!hpwin055.uksr!hpqmoea!
dstock@network.ucsd.edu
Subject: Sign me up!
To: info-hams@ucsd.edu

Scott Statton (n1gak@netcom.com) wrote:

: Boy - it's a good thing Mike didn't confide to Ron that he was having
: an affiar, or was in debt to the IRS. You never know WHO's gonna read
: something the way this Internet thing works.

Is this a soap opera? when's the next episode ?

I rather think the internet's working a little better than someone at first suspected !

Greetings, Mike, from Scotland !

David, GM4ZNX

Date: Tue, 21 Jun 1994 22:35:00 GMT
From: ihnp4.ucsd.edu!agate!iat.holonet.net!michaelr!ray.wade@network.ucsd.edu
Subject: Simplex spaving on 2mtr
To: info-hams@ucsd.edu

On 06-17-94 VINCENT wrote to ALL...

V > Does anyone know what is the official Simplex spacing is between two
V > pairs of
V > pairs of stations right next to each other on 2 meter? If there is
V > another sta

V > tion interfering with your simplex transmissions how far do they have
V > to be fro
V > m you officially? Just winderling.....

Officially? The FCC is the official. Part 97 says nothing about spacing
on ANY amateur band.

K5JCM

* OFFLINE 1.56 * Too much money? Get married or run a BBS!

.....

Date: Wed, 22 Jun 1994 07:22:52 GMT
From: ihnp4.ucsd.edu!sdd.hp.com!apollo.hp.com!hpwin055.uksr!hpqmoea!
dstock@network.ucsd.edu
Subject: Transmission Line Impedance: Why so many?
To: info-hams@ucsd.edu

300 Ohm is easy to justify... what's the feedpoint Z of a half-wave
FOLDED dipole ?

David GM4ZNX

Date: 22 Jun 1994 13:14:44 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!gatech!
newsxfer.itd.umich.edu!jobone!ukma!newsfeed.gsfc.nasa.gov!usenet@network.ucsd.edu
Subject: Tunnel Radio Help Request
To: info-hams@ucsd.edu

In article <2u7o6b\$8lq@nyx10.cs.du.edu> whester@nyx10.cs.du.edu (William R. Hester) writes:

>

>I have a work project and I am looking for someone with some real world
>experience and/or advice in sending RF through underground tunnels.

Why RF? Try telegraph cable. They used to do that years ago. Killed the Pony Express, unfortunately.

Date: 22 Jun 94 11:54:01 GMT
From: news-mail-gateway@ucsd.edu
Subject: You know its time to retire from the hobby when...
To: info-hams@ucsd.edu

Who HASN'T said "73" instead of "good bye" on the landline?

--

Stephen P. Baker	phone: (508) 856-2625
Lecturer in Biostatistics	(508) 856-3131 fax
Department of Academic Computing	(413) 253-3923 home
University of Massachusetts Medical School	e-mail: sbaker@umassmed.ummed.edu
55 Lake Avenue North	-. -.. .---- .--. ...
Worcester, MA 01655	

Date: 22 Jun 1994 12:35:41 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!europa.eng.gtefsd.com!
newsxfer.itd.umich.edu!jobone!news1.oakland.edu!vela.acs.oakland.edu!
prvalko@network.ucsd.edu
Subject: You know its time to retire from the hobby when...
To: info-hams@ucsd.edu

Stephen Baker (sbaker@umassmed.UMMED.EDU) wrote:
: Who HASN'T said "73" instead of "good bye" on the landline?

*** I HAVEN'T !!! *** But then, I'm not,

: Stephen P. Baker	phone: (508) 856-2625
: Lecturer in Biostatistics	(508) 856-3131 fax

There... what does that do to your stats? :-)

73 =paul= wb8zjl

BUMPER STICKER: I Don't Brake For Stat Profs

Date: 22 Jun 1994 12:00:06 GMT
From: ihnp4.ucsd.edu!agate!cat.cis.Brown.EDU!pstc3!md@network.ucsd.edu
To: info-hams@ucsd.edu

References <ke4dpx.8.00071ACE@greg1.slip.iglou.com>,
<1994Jun20.124616.13790@ke4zv.atl.ga.us>, <rogjdCrr6o6.A13@netcom.com>
Subject : Re: IMMEDIATE LICENSING? Bad implementation. Good idea.

In article <rogjdCrr6o6.A13@netcom.com>,
rogjd@netcom.com (Roger Buffington) writes:

|> And as Gary observes, not every VE would necessarily have to have the
|> capability. In fact, perhaps the VEC could do the actual electronic
|> communication with the FCC. While each VE session may not have to have a
|> computer, perhaps it isn't too much to expect that each VEC would have the
|> resources to round up a computer and a phone.

The two major VECs, W5YI and ARRL, both have computer systems. I'm sure all
the other minor VECs do too, I can't imagine a VEC without a PC of some
sort.

Electronic filing in this respect is an excellent idea, and clearly would
reduce wait times to acceptable values. With the "new computer system"
online, I can't imagine what is holding up some form of EDI standard.

MD

--
-- Brad Nanook, The Eskimo with a cause....
-- his mission...
-- To save the stupid fat penguins...

Date: 22 Jun 1994 12:30:23 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!
newsxfer.itd.umich.edu!news1.oakland.edu!vela.acs.oakland.edu!
prvalko@network.ucsd.edu
To: info-hams@ucsd.edu

References <2tomr7\$j2g@bmerha64.bnr.ca>, <150@courts.UUCP>,
<1994Jun21.094310.10465@arrl.org>,,
Subject : Re: You know its time to retire from the hobby when....

... you actually USE the alarm-clock feature in your Handie-Talkie so that you can, "Wake up to your favorite net or repeater."

73 =paul= wb8zjl

Date: (null)

From: (null)

End of Info-Hams Digest V94 #692
